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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1**Complete if Known**

Application Number	10/7153021
Filing Date	Herewith 11/17/03
First Named Inventor	Gail Edwin McCollum
Art Unit	2821
Examiner Name	Nguyen, Hoang
Attorney Docket Number	1014/190

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
HN		US- 4,658,262	04-14-1987	DuHamel	343/792.5
HN		US- 5,589,842	12-31-1996	Wang et al.	343/787
HN		US- 2001/0033251	10-25-2001	Rudish	343/895
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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1/25/05

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PTO/SB/08B (08-03)


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		Filing Date	November 17, 2003
		First Named Inventor	Gail Edwin McCollum
		Art Unit	2821
		Examiner Name	Nguyen, Huang
Sheet 1	of 1	Attorney Docket Number	1014/190

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
HN		TAI-TSENG CHU and H. GEORGE OLTMAN JR., The Sinuous Antenna, MSN & CT, June 1988, pgs. 40-41, 43-44 and 46-48	
HN		JOHN D. KRAUS, 15-3 The Frequency-Independent Planar Log-Spiral Antenna, Antennas Second Edition, 1988, pgs. 697-701, McGraw-Hill, Inc., U.S.A.	
HN		CHARLES RHODES, What's That Noise?, TV Technology, June 25, 2003, pgs. 28 and 30, Volume 21, No. 12, IMAS Publishing (USA) Inc., Falls Church, VA	
HN		Circularly polarized T.V. signals - What they mean to the viewer, Electronic Technician/Dealer, March 1979, pgs. 28-29	
HN		Digital 101 [online], [retrieved on 2003-06-24]. Retrieved from the Internet < <a href="http://www.titantvretailzone.com/rz/RetailZone/DtvFaq.asp">http://www.titantvretailzone.com/rz/RetailZone/DtvFaq.asp</a> >	
HN		GEORGES A. DESCHAMPS and RAYMOND H. DUHAMEL, Frequency-Independent Antennas, Antenna Engineering Handbook, 1961, pgs. 18-1 to 18-32, First Edition, McGraw-Hill, Inc., U.S.A.	
HN		XAVIER BEGAUD, PIERRE POEY, JEAN PIERRE DANIEL & GERARD DUBOST, Design of Wideband Dual Polarized Slot Antenna, Paper presented at AP2000 Millennium Conference on Antennas & Propagation, Davos, Switzerland, April 9-14, 2000	
HN		J. E. HERSHEY, Wideband Antennas - A Short Survey, August 22, 2000, General Electric Company, U.S.A. (23 pages)	
HN		IEEE Standard Definitions of Terms for Antennas, June 21, 1993, pgs. 1-28, IEEE Std 145-1993, Institute of Electrical and Electronics Engineers, Inc., New York, New York	

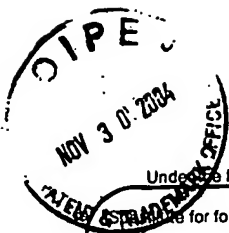
Examiner Signature		Date Considered	1/25/05
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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HN		Internet Archive Wayback Machine [online], [retrieved on 2004-10-26]. Retrieved from the Internet <URL: <a href="http://web.archive.org/web/*http://achesonindustries.com">http://web.archive.org/web/*http://achesonindustries.com</a> >	
HN		LEXAN 9034 Datasheet on Uncoded Polycarbonate, GE Plastics Structured Products, circa 2003	

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